



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicants : Ross A. Saunders, et al.  
Serial No. : 09/927,680  
Filed : August 10, 2001  
Title : METHOD OF ADAPTIVE SIGNAL DEGRADATION COMPENSATION  
Docket : SOI 0003 PA  
Art Unit : 2633

2633  
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Assistant Commissioner for Patents  
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*Susan M. Luna*

Susan M. Luna - Patent Agent

Reg. No. 38,769

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UNDER 37 CFR §§ 1.56, 1.97, AND 1.98

Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 CFR §1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

A listing of all items of information cited is attached on PTO/SB/08A, a substitute for form 1449A/PTO. Copies of the items are enclosed for the convenience of the Examiner.

Serial No. 09/927,680  
Docket No. SOI 0003 PA

This Information Disclosure Statement is being filed within the period set forth in 37 CFR §1.97(b) because it is believed to be filed before the mailing date of a first office action on the merits.

Respectfully submitted,  
KILLWORTH, GOTTMAN, HAGAN  
& SCHAEFF, L.L.P.

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Sheet	1	of	2
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<b>Application Number</b>	09/927,680
<b>Filing Date</b>	August 10, 2001
<b>First Named Inventor</b>	Ross A. Saunders
Group Art Unit	2633
Examiner Name	
Attorney Docket Number	SOI 0003 PA

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

### Complete if Known

Application Number	09/927,680
Filing Date	August 10, 2001
First Named Inventor	Ross A. Saunders
Group Art Unit	2633
Examiner Name	
Attorney Docket Number	SOI 0003 PA

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ITU-T G.975, "Forward Error Correction for Submarine Systems" November 1996	
		SAITO et al., "Prechirp Technique for Dispersion Compensation for a High-Speed Long Span Transmission" IEEE Photonics Technology Letters, vol. 3, No. 1., Jan. 1991	
		GNAUCK et al., "Dispersion Penalty Reduction Using an Optical Modulator with Adjustable Chirp" IEEE Photonics Technology Letters, vol. 3, No. 10, Oct. 1991	

Examiner  
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